

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. underneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled:

RETROVIRAL GENE THERAPY VECTORS AND THERAPEUTIC METHODS BASED THEREON

the specification of which:

☒ is attached hereto

☐ was filed in the United States on _____ as Application Serial No. _____ (for declaration not accompanying application)
with amendment(s) filed on _____ (if applicable)

☐ was filed as PCT international application Serial No. _____ on _____ and was amended under PCT Article 19 on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119/§172 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION			
APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 U.S.C. 119/172
			YES <input type="checkbox"/> NO <input type="checkbox"/>
			YES <input type="checkbox"/> NO <input type="checkbox"/>
			YES <input type="checkbox"/> NO <input type="checkbox"/>
			YES <input type="checkbox"/> NO <input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED
07/786,015	October 31, 1991		X	
07/607,252	October 31, 1990		X	
07/131,926	December 11, 1987			X

POWER OF ATTORNEY: As a named inventor, I hereby appoint S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Berj A. Terzian (Reg. No. 20060), Gerald J. Flintoft (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Isaac Jarkovsky (Reg. No. 22713), Joseph V. Colaianni (Reg. No. 20019), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebe (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Jon R. Stark (Reg. No. 30111), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Albert P. Halluin (Reg. No. 25227), and Marcia H. Sundeen (Reg. No. 30893), whose address is Pennie & Edmonds, 1155 Avenue of the Americas, New York, New York 10036, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

SEND CORRESPONDENCE TO: **PENNIE & EDMONDS**
1155 AVENUE OF THE AMERICAS
NEW YORK, N.Y. 10036-2711

DIRECT TELEPHONE CALLS TO:
PENNIE & EDMONDS
(212) 790-9090

1-00 etal 0 1	FULL NAME OF INVENTOR	LAST NAME Rivière	FIRST NAME Isabelle	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Boston	STATE OR FOREIGN COUNTRY Massachusetts	COUNTRY OF CITIZENSHIP French	
	POST OFFICE ADDRESS	STREET 90 West Cedar Street	CITY Boston	STATE OR COUNTRY Massachusetts	ZIP CODE 02114
2 0 2	FULL NAME OF INVENTOR	LAST NAME Cohen	FIRST NAME Lawrence	MIDDLE NAME K.	
	RESIDENCE & CITIZENSHIP	CITY Oakland	STATE OR FOREIGN COUNTRY California	COUNTRY OF CITIZENSHIP United States	
	POST OFFICE ADDRESS	STREET 5670 Cabot Drive	CITY Oakland	STATE OR COUNTRY California	ZIP CODE 94611
2 0 3	FULL NAME OF INVENTOR	LAST NAME Guild	FIRST NAME Brad	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Concord	STATE OR FOREIGN COUNTRY Massachusetts	COUNTRY OF CITIZENSHIP United States	
	POST OFFICE ADDRESS	STREET 109 Riverdale Road	CITY Concord	STATE OR COUNTRY Massachusetts	ZIP CODE 01742
2 0 4	FULL NAME OF INVENTOR	LAST NAME Rafield	FIRST NAME Lori	MIDDLE NAME F.	
	RESIDENCE & CITIZENSHIP	CITY San Francisco	STATE OR FOREIGN COUNTRY California	COUNTRY OF CITIZENSHIP United States	
	POST OFFICE ADDRESS	STREET 2249 Beach Street, #5	CITY San Francisco	STATE OR COUNTRY California	ZIP CODE 94123
2 0 5	FULL NAME OF INVENTOR	LAST NAME Robbins	FIRST NAME Paul	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Mt. Lebanon	STATE OR FOREIGN COUNTRY Pennsylvania	COUNTRY OF CITIZENSHIP United States	
	POST OFFICE ADDRESS	STREET 527 Overlook Drive	CITY Mt. Lebanon	STATE OR COUNTRY Pennsylvania	ZIP CODE 15216
2 0 6	FULL NAME OF INVENTOR	LAST NAME Mulligan	FIRST NAME Richard	MIDDLE NAME C.	
	RESIDENCE & CITIZENSHIP	CITY Lincoln	STATE OR FOREIGN COUNTRY Massachusetts	COUNTRY OF CITIZENSHIP United States	
	POST OFFICE ADDRESS	STREET 2 Sandy Hill Road	CITY Lincoln	STATE OR COUNTRY Massachusetts	ZIP CODE 01773

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201 Isabelle Rivière	SIGNATURE OF INVENTOR 202 Lawrence K. Cohen	SIGNATURE OF INVENTOR 203 Brad Guild
DATE _____, 1994	DATE _____, 1994	DATE _____, 1994
SIGNATURE OF INVENTOR 204 Lori F. Rafield	SIGNATURE OF INVENTOR 205 Paul Robbins	SIGNATURE OF INVENTOR 206 Richard C. Mulligan
DATE _____, 1994	DATE _____, 1994	DATE _____, 1994